

## Message Text

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46

ACTION INT-05

INFO OCT-01 AF-08 ISO-00 EB-07 COME-00 FEAE-00 /021 W

----- 074642

R 101000Z DEC 76

FM AMCONSUL JOHANNESBURG

TO SECSTATE WASHDC 5404

INFO AMEMBASSY PRETORIA

UNCLAS JOHANNESBURG 2210

USGS FOR ALLEN CLARK

E.O. 11652: N/A

TAGS: ENRG, SF

SUBJECT: COAL DATA REQUEST

1. SAG MINERALS BUREAU SPECIALIST, MITCH ALBERT, CURRENTLY WORKING ON COAL STUDY AS FOLLOW-UP TO PETRICK REPORT AND IS ATTEMPTING TO DRAW COMPARATIVE EVALUATIONS OF SOUTH AFRICAN BITUMINOUS COALS WITH THOSE OF US AND ELSEWHERE. WE HAVE PROVIDED HIS OFFICE WITH ASSORTMENT OF USEFUL INFORMATION (VIA BUMINES RL'S, BULLETIN 820, AND OTHER RELATED PRESENTATIONS), BUT HE HAS NOW PROGRESSED TO NEED FOR STATISTICS ON DISTRIBUTION OF MINERAL MATTER AND MACERAL COMPONENTS OF COAL. HOPEFULLY, EXISTING CRIB DATA MAY BE OF ASSISTANCE HERE.

2. DATA DESIRED (ALL AS PERCENTAGES OF US NATIONAL BITUMINOUS COAL RESERVES) ARE: (A) SIO2, CAO, MGO, NA2O, FE2O3, TIO2 AND AL2O3 CONTENTS IN MINERAL MATTERS; (B) VITRINITE, EXINITE, MICRINITE, AND FUSINITE (OR OTHER AVAILABLE TYPE OF MACERAL BREAKDOWN);

(C) MINERAL MATTER, OR ASH, CONTENT IN RAW COAL; (D) CAO PLUS MGO PLUS K2O PLUS NA2O PLUS FE2O3; (E) TIO2 PLUS SIO2 PLUS AL2O3; AND (F) BASE/ACID RATION. SIMILAR FIGURES FOR UK, WEST GERMANY, AUSTRALIA, INDIA, JAPAN USSR, AND SOUTH AMERICAN COUNTRY (OF YOUR CHOICE) WOULD BE EXTREMELY HELPFUL AS WELL IF AVAILABLE.

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EM IDEALLY, CRIB PRINTOUT WOULD FIT THE ABOVE REQUESTS

PERFECTLY, VIA AIR POUCH TO AMCONSUL JOHANNESBURG.  
IF NOT AVAILABLE, PLEASE CHECK OTHER USGS OR BUMINES  
SOURCES AND ADVISE.  
JOHNSON

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NNN

## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 JAN 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
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**Disposition Case Number:** n/a  
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**Disposition Date:** 01 JAN 1960  
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**Film Number:** D760456-0812  
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